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## CHAPTER 23 STANFINS/SPBS-R Interface

### 1) OVERVIEW

STANFINS/Standard Property Book System-Redesign (SPBS-R) automates the processing of equipment values (GLAC 1762, 1764, and 1810) into the General ledger. SPBS-R is a PC based system that interfaces with STANFINS via a diskette. Each Property Book Officer will create a diskette that contains transactions for equipment values greater than the capitalization criteria. The capitalization criteria is set by the DOD comptroller and for FY96 it is set at \$50,000. ZFA and ZFB transactions will establish and update BPAAVK (Figure 2) master records. As Required cycle AVKJPAII uses the BPAAVK(Figure 2) master records to generate a CPAAVK (Figure 3) master which contains Journal Vouchers (JV) transactions to be processed in the daily cycle. A JV transaction is created for each property book/UIC combination and GLAC 1762, 1764 and 1810 are updated based on the data contained in the BPAAVK (Figure 2) transaction master file.

### 2) TPAAVK Master File (UIC/APC Table)

The TPAAVK (Figure 4) Master Table must exist before a PA Cycle is processed. This table is locally created and maintained. The TPAAVK (Figure 4) contains installation UICS used in SPBS-R processing with a valid APC. Process the AVKJN1II to populate the SII.AVKPM.TPAAVK (+1) . This initial TPAAVK (Figure 4) is used for input into the AVKJEL cycle. The TPAAVK(+1) file contains two dummy records which need to be deleted during the AVKJEL cycle. Schedule the EL cycle to load the TPAAVK (Figure 4) master file for updating (Add, Change or Delete) . After the EL cycle is complete, functional personnel will use Mode C Function C in Data Entry to add, change or delete records on the TPAAVK master file. Run the EM cycle to create a sequential file for use in the PA cycle. Installations will use a valid current year APC that reflects the accounting classification for a specific Property Book . This table will contain only current Fiscal Year data and will need to be manually updated in Data Entry to start a new fiscal year. The APCS contained in this table are used to system generate Jvs produced during Option 1.

3) CYCLE PROCESSING

a) INPUT DATA:

A ZFA transaction will establish a beginning BPAAVK (Figure 2) master record for each Property Book/UIC combination. The ZFA transaction has a zero dollar amount in position 27-35. A ZFB transaction is transmitted with a dollar value which updates the established BPAAVK (Figure 2) master record. Each Property Book/UIC has the potential of sending a transaction for GLAC 1762, 1764 and 1810 based on the PBIC. SPBS-R sends a diskette with ZFA/ZFB transactions for each property book to the accounting office that services their activity. These transactions are shown on SPBS-R PCN ALV715 (ZFA) and PCN ALV716 (ZFB). The diskette needs to be file transferred to the local DOIM for use as an input data set in the PA cycle. AVKJPAIL cycle processes the SPBS-R summary data and creates a CPAAVK (Figure 3) Master file (LJV transactions) which process in the daily cycle. The PA cycle has 3 options which are run in a specific sequence to produce JV transactions and update the AXUAVK master file.

b) Option 0. PCN AVK-400.

Option 0 is used to accumulate ZFB transaction until Option 1 is run to create JVs. No JVs are created in Option 0. Option 0 can be processed multiple times. An error code appears on PCN AVK-400 which shows which UICS have not submitted transaction for a particular GLAC. After each Property Book has submitted its data, an installation can process Option 1 to create JV transactions.

c) Option 1. PCN AVK-401.

Option 1 takes the accumulated data from Option 0 and creates a JV transaction that processes into the Daily Cycle. Option 0 must be processed before Option 1 or a cycleabend condition will occur. Processing Option 1 is the only method to create a JV transaction. Each Property Book/UIC combination will create a JV for each GLAC account recorded in the master file record. PCN AVK-401 provides an error indicator to show which Property Book/UIC combinations did not create a JV transaction. Once Option 1 is completed, the master records are reset so an Option 0 or Option 2 can be processed. After Option 1 is complete, run the daily cycle to pull in the CPAAVK (Figure 3) Master file. The daily cycle will only use the current CPAAVK (JV transactions) to update the General Ledger.

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d) Option 2. PCN AVK-402.

Option 2 is run at year-end and provides a certifiable report (AVK-402) . This option should not be run until all property book officers have completely transmitted their equipment values. Option 2 resets master file records for new year processing.

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4) Steps to follow when initially processing the PA cycle:

- a) N1 Cycle
- b) EL Cycle
- c) Update TPAAVK Master file (UIC/APC Table)
- d) EM Cycle
- e) Process PA cycle (Option 0) until all Property Books have submitted a file to the installation accounting office.
- f) Process PA cycle (Option 1) to create JV transactions.
- g) Process Daily Cycle to record transaction in STANFINS.
- h) Process PA cycle (Option 2) to create the certifiable report needed at year end.

SPBS-R RECORD FORMAT

APAAVK File (Transaction File)

POSITION	DESCRIPTION
1-3	Document Identifier (ZFA or ZFB)
4-7	Property Book Code
8-13	Unit Identification Code (UIC)
14	Property Book Identifier Code (PBIC)
15-20	DODAAC
21-26	Report Date
27-35	Dollar Amount

Figure 1

ZFA- Transaction to set up the BPAAVK (Figure 3) Master file.

ZFB- Transaction to update the BPAAVK (Figure 3) with dollar amounts.

Property Book Code- Property Book indicator that SPBS-R places on ZFA and ZFB transactions.

Unit Identification Code- Standard UIC code found in DA Pamphlet 37-100-XX.

PBIC- Indicates which GLAC will be updated. (PBIC 1 thru 5 and 8 thru 0 represent GLAC 1762; PBIC 7 represents GLAC 1764; and PBIC 6 represents 1810) .

DODDAC-Department of Defense Automatic addressing Code

Report Date- System generated by SPBS-R.

Dollar Amount- All ZFA transaction will have zero dollar amounts.

ZFB transactions will have the summary dollar amount transmitted by SPBS-R.

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#### SPBS-R RECORD FORMAT

##### BPAAVK Local Master File

POSITION	DESCRIPTION
1	Property Book Code
2-7	Unit Identification Code (UIC)
8	Property Book Identifier Code (PBIC)
9-14	DODAAC
15-23	Input Amount
24-32	Fiscal Year to Date Amount (FYTD)
33-41	Oct 1 Balance
42-50	Current JV Amount
51	Amount Received Flag

Figure 2

Input Amount- Current input received from transaction file (APAAVK).  
Option 0 updates this field.

FYTD- All processed transaction for the current year. Option 1  
updates this field.

Oct 1 Balance- Prior year transaction carried foward. Option 2  
updates this field.

Current JV Amount- Amount that will process into the daily cycle.  
Option 1 creates the JV transactions (CPAAVK)

Amount Received Flag- Indicates which property books have sent in  
data. The flag is reset after each Option 1 cycle.

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SPBS-R RECORD FORMAT

CPAAVK Master File (JV Transactions)

POSITION	DESCRIPTION
1-2	Type Action (Constant JV)
3	Blank
4-6	Block Number
7-9	Blank
10	Fiscal Year
11-30	Blank
31-34	EOR
35-36	Blank
37-40	DSSN (Must be 0000)
41-44	APC
45-49	Blank
50-63	Document Number
64-66	Pro forma code (PFC)
67-70	Blank
71-80	Amount

Figure 3

PFC- Three additional Proforma Codes were created: V92 for GLAC 1762; V93 for GLAC 1764; and V94 for GLAC 1810.

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SPBS-R RECORD FORMAT

TPAAVK Master File (UIC/APC Table)

POSITION	DESCRIPTION
1-6	UIC
7	Fiscal Year
8-11	APC
12-80	Blank

Figure 4



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CONTROL CARDS (As Required Cycle AVKJPBII)

Refer to Data Entry manual for additional information.

1) Date Control Card (QT5AVK) , MODE A FUNCTION L

```
1111111111222222222233333333334
1234567890123456789012345678901234567890
QT5AVK-CNTL01=YYJJCYCLE=AVKPBYY
```

2) Report Select Card (PPBAVK), MODE C FUNCTION C

```
11111111112
12345678901234567890
```

2) Report Select Card (PPBAVK), MODE C FUNCTION D

```
11111111112
12345678901234567890
PPBAVK-CNTL01=ABBB
```

A= CYCLE CONTROL SWITCH 0 - AVK-400

1 - AVK-401

2 - AVK-402

BBB= Block Number (CANNOT BE BLANK)

3) MODE D FUNCTION 4, EA pull and strip for PB cycle.

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7) System Linkage- PA Cycle

CODE	PROGRAM	PROCEDURE STEPS	INPUT FILES	FILE TYPES	OUTPUT FILES	FILE TYPES	PCNs
PPA	PT5AVK	04	QT5	CONTROL	AT5	WORK	
PPA	PPAAVK	10	APA	WORK	CPA	MASTER	400,401,402
			BPA	MASTER	BPA	MASTER	
			TPA	MASTER	TPA	MASTER	